

# 1-Nitrobutane

627-05-4 | DTXSID8020967

Model Performance

Model

Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.89	0.25	0.88	0.26	0.75	0.38

## Model Results

**Predicted value:** 4.46 days

**Global applicability domain:** Outside

**Local applicability domain index:** 2.86e-01

**Confidence level:** 7.64e-01

## Nearest Neighbors from the Training Set

[Image not found](#)

2-Methylhexane

**Measured:** 3.00

**Predicted:** 5.54

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Tetradeca-1,13-diene

**Measured:** 13.0

**Predicted:** 8.69

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2-Methylheptane

**Measured:** 3.00

**Predicted:** 3.99